

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010150.D
 Acq On : 08 Jun 2019 19:50
 Operator : JC/SP
 Sample : K3249-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303S-20190606

Quant Time: Jun 10 08:03:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	129428	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	
35) Dibromofluoromethane	5.50	113	135490	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	8.71	98	519297	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.13	95	180318	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	

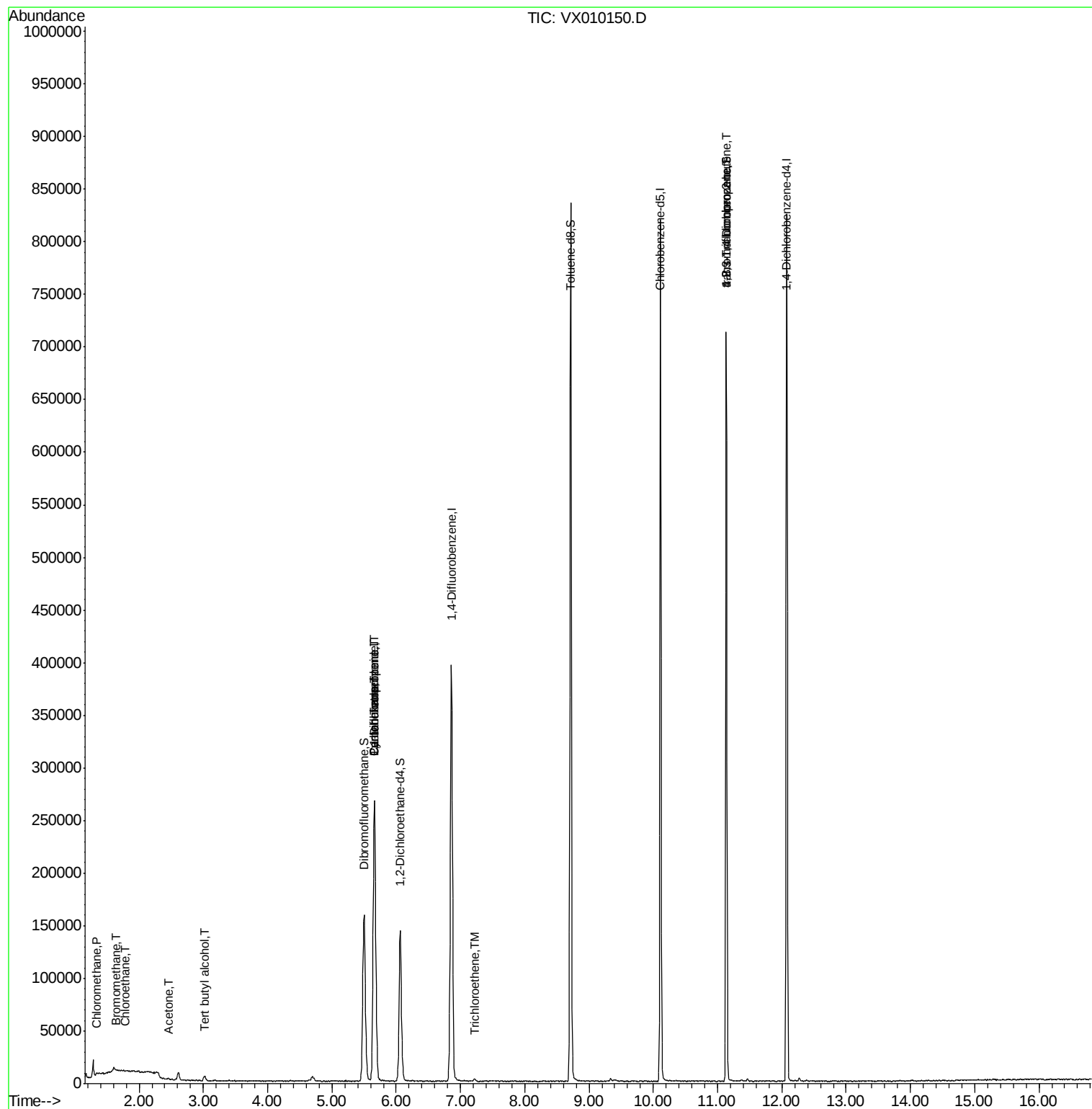
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	621	0.232	ug/l #	72
5) Bromomethane	1.65	94	552	0.582	ug/l #	16
6) Chloroethane	1.78	64	792	0.625	ug/l #	63
11) Tert butyl alcohol	3.01	59	2390	3.414	ug/l #	87
16) Acetone	2.45	43	1095	0.815	ug/l	93
31) Cyclohexane	5.66	56	4484	1.078	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16919	4.706	ug/l #	52
38) Carbon Tetrachloride	5.67	117	24641	6.055	ug/l #	17
44) Trichloroethene	7.22	130	865	0.258	ug/l	54
76) 1,2,3-Trichloropropane	11.13	75	81563	21.709	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	81563	47.966	ug/l #	10

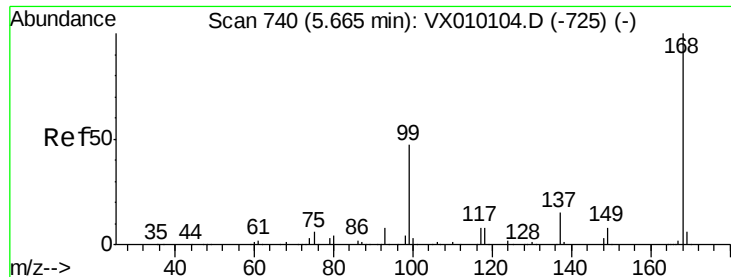
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

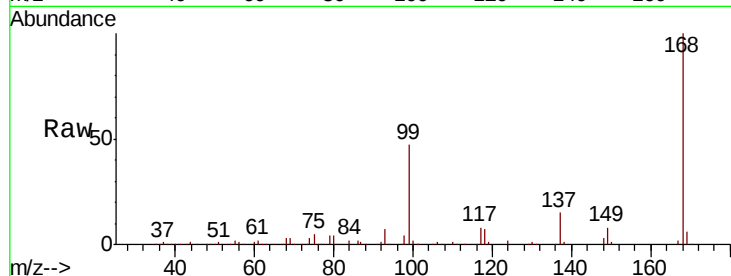
BPS1-TT-MW303S-20190606

Tgt Ion:168 Resp: 292721

Ion Ratio Lower Upper

168 100

99 47.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX010104.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX010104.D (-725) (-)

5.67

120000

100000

80000

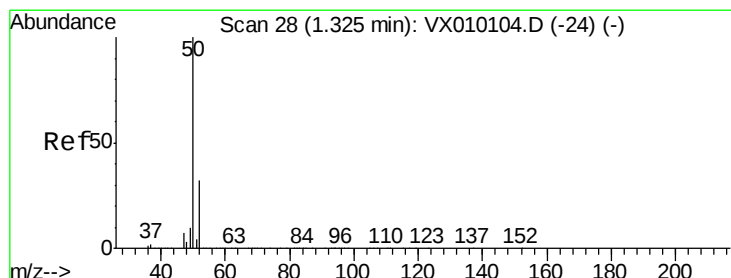
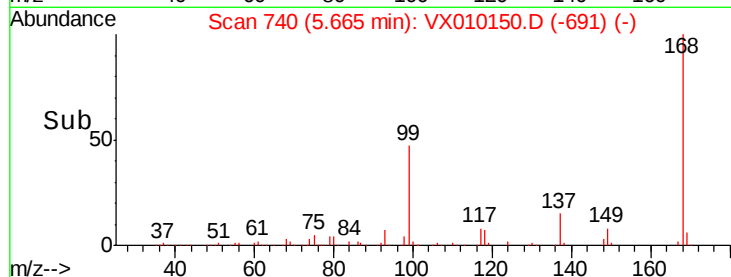
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010150.D

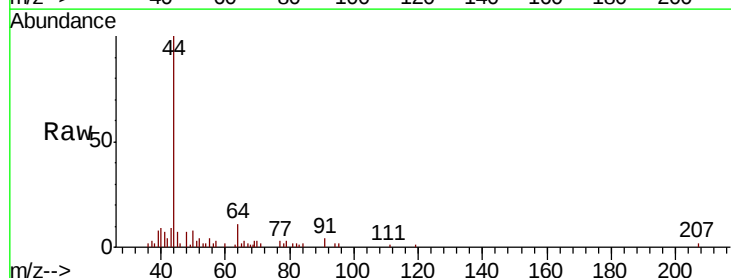
Acq: 08 Jun 2019 19:50

Tgt Ion: 50 Resp: 621

Ion Ratio Lower Upper

50 100

52 48.4 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX010104.D (-24) (-)

Ion 51.90 (51.60 to 52.60): VX010104.D (-24) (-)

1.33

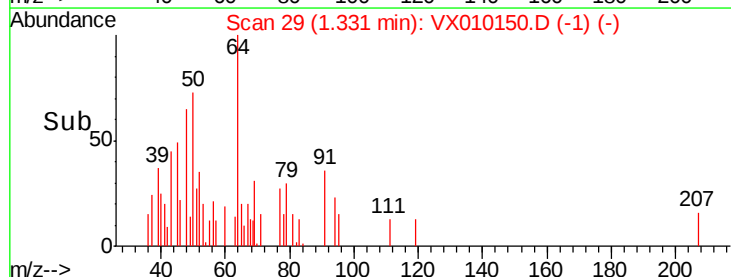
300

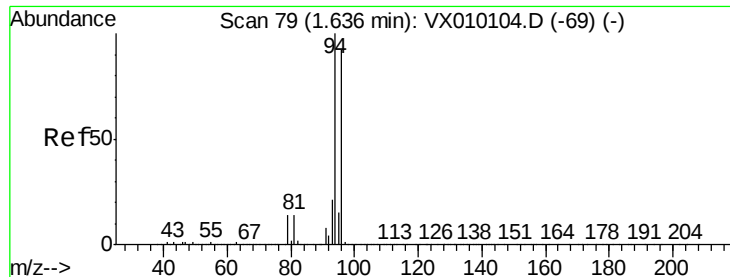
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.582 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

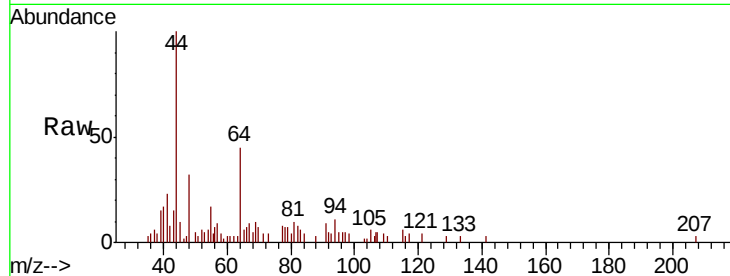
BPS1-TT-MW303S-20190606

Tgt Ion: 94 Resp: 552

Ion Ratio Lower Upper

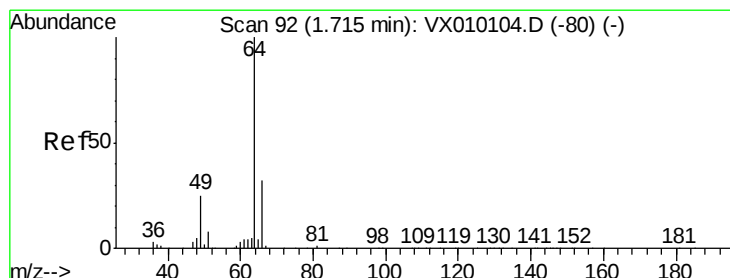
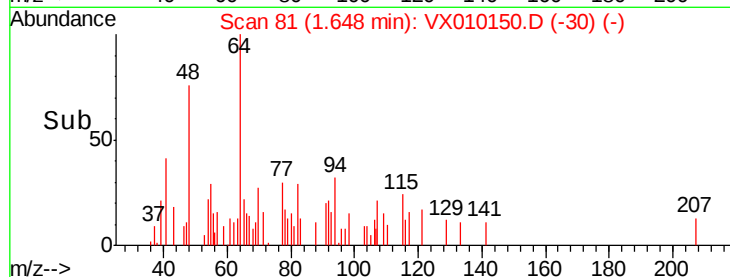
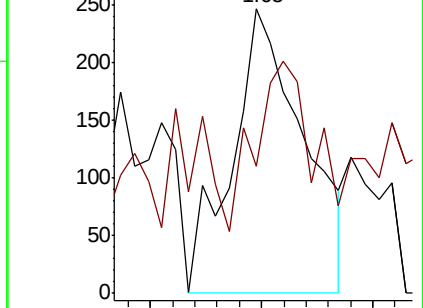
94 100

96 13.8 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.625 ug/l

RT: 1.78 min Scan# 103

Delta R.T. 0.07 min

Lab File: VX010150.D

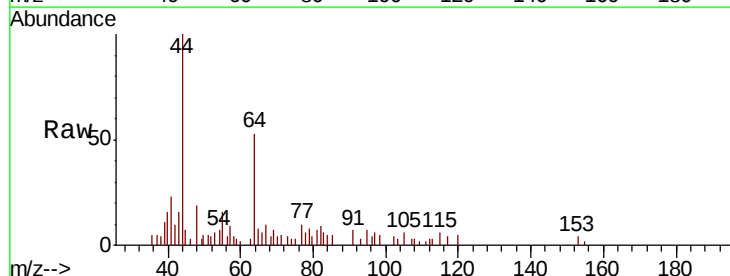
Acq: 08 Jun 2019 19:50

Tgt Ion: 64 Resp: 792

Ion Ratio Lower Upper

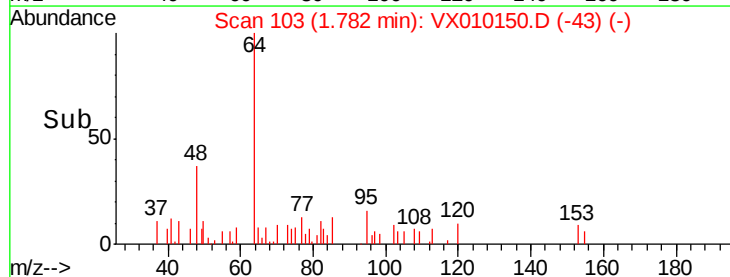
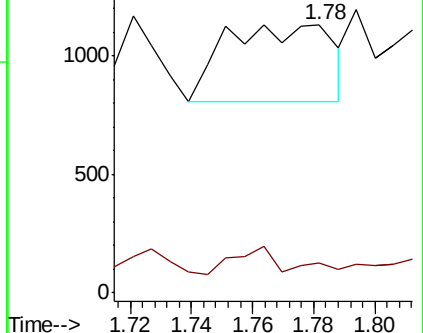
64 100

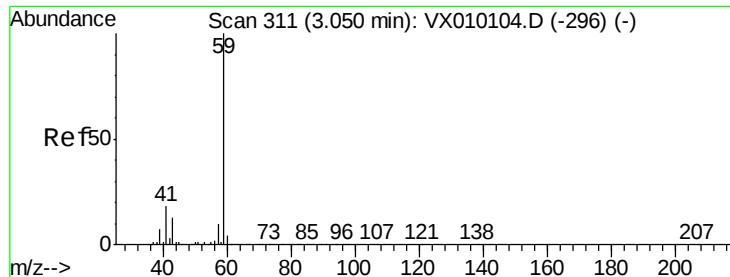
66 11.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

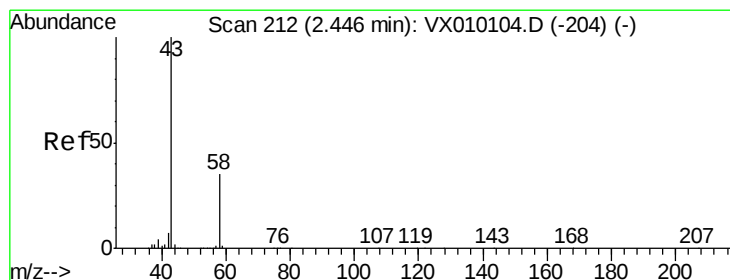
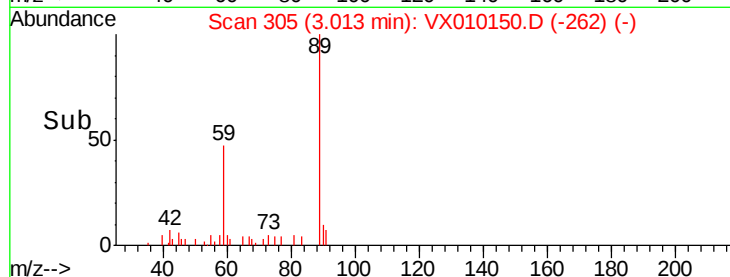
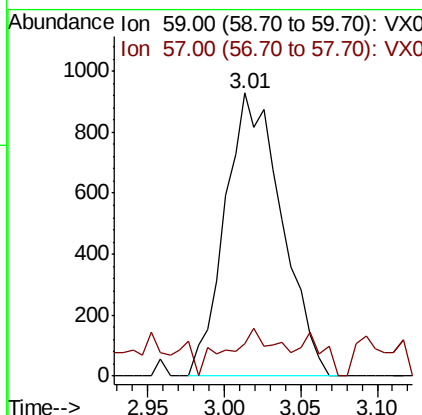
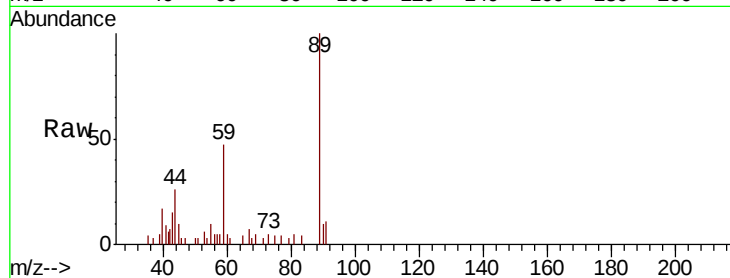




#11
Tert butyl alcohol
Concen: 3.414 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010150.D
Acq: 08 Jun 2019 19:50

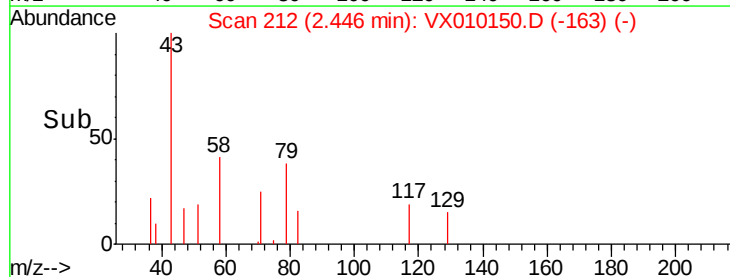
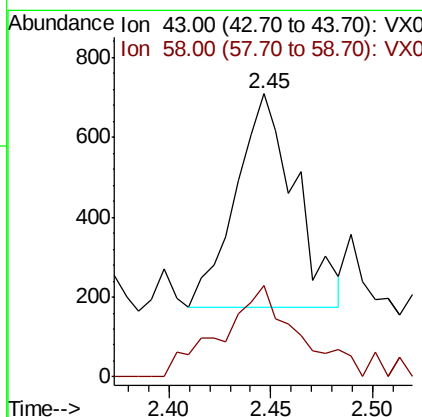
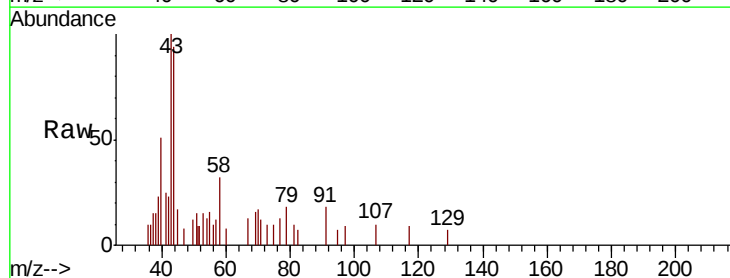
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303S-20190606

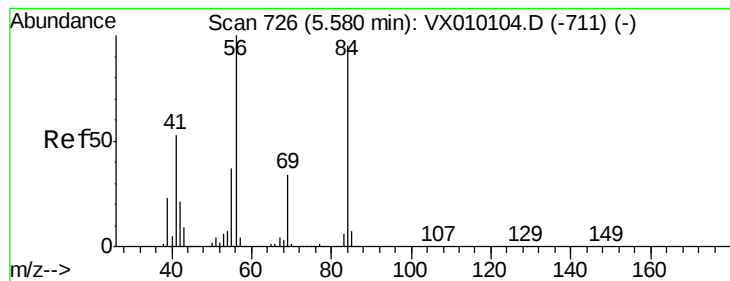
Tgt Ion: 59 Resp: 2390
Ion Ratio Lower Upper
59 100
57 15.1 8.2 12.2#



#16
Acetone
Concen: 0.815 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010150.D
Acq: 08 Jun 2019 19:50

Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
58 32.5 23.2 34.8





#31

Cyclohexane

Concen: 1.078 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606

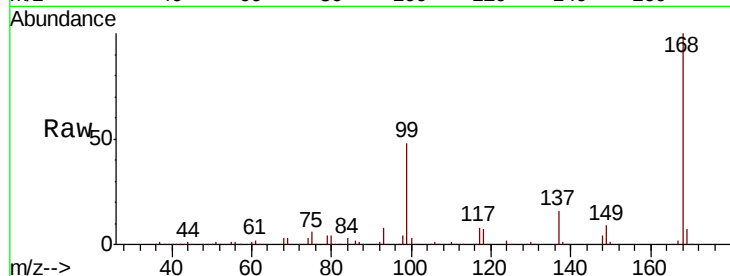
Tgt Ion: 56 Resp: 4484

Ion Ratio Lower Upper

56 100

69 193.9 21.6 32.4#

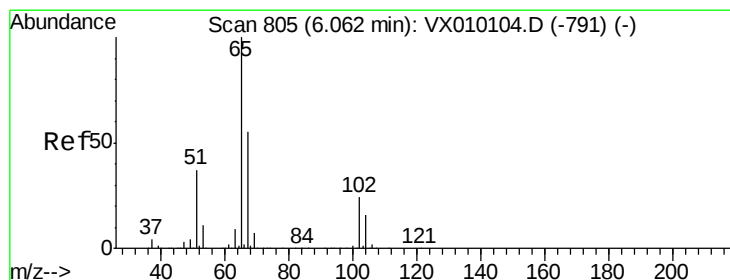
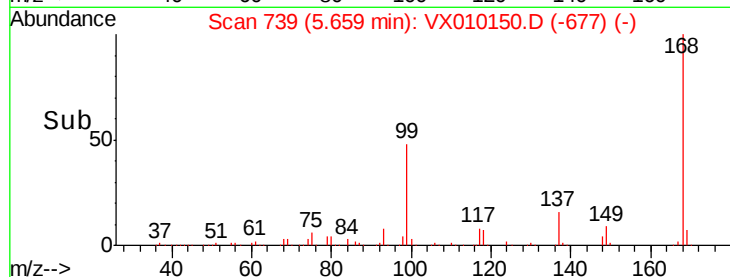
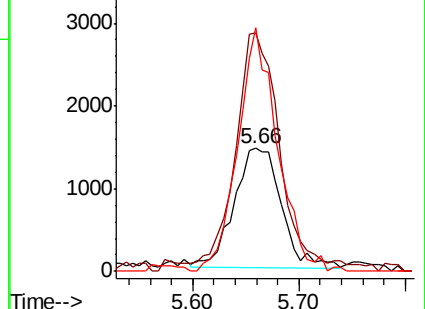
84 204.9 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.297 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010150.D

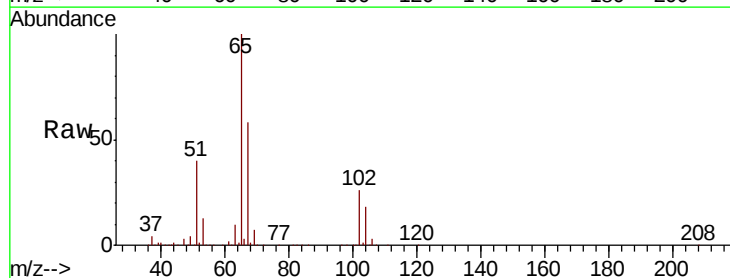
Acq: 08 Jun 2019 19:50

Tgt Ion: 65 Resp: 129428

Ion Ratio Lower Upper

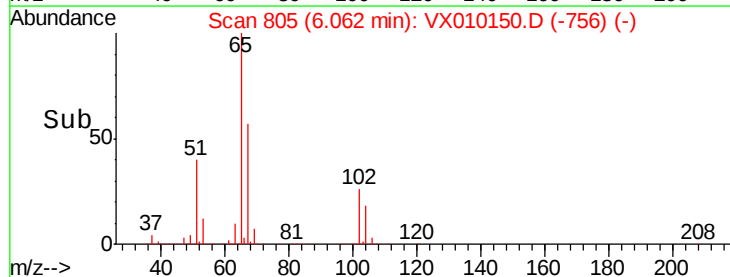
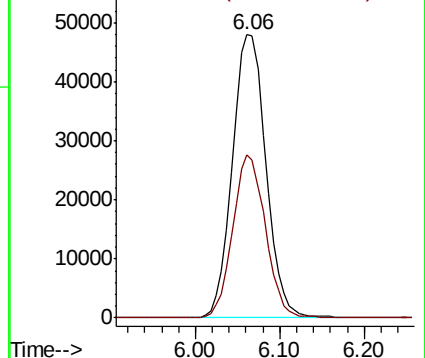
65 100

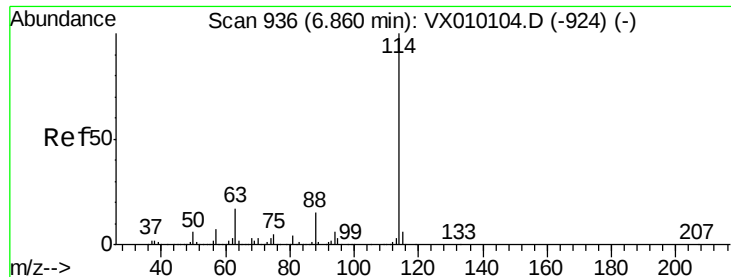
67 56.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606

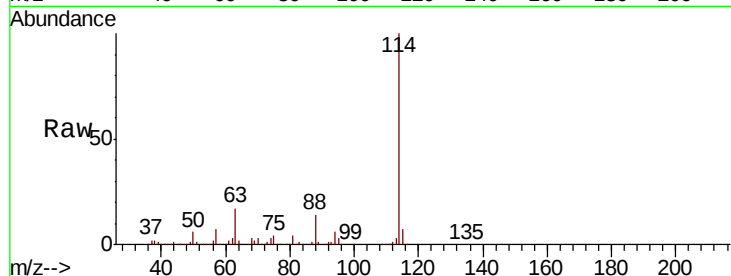
Tgt Ion:114 Resp: 440697

Ion Ratio Lower Upper

114 100

63 16.8 0.0 47.4

88 13.9 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

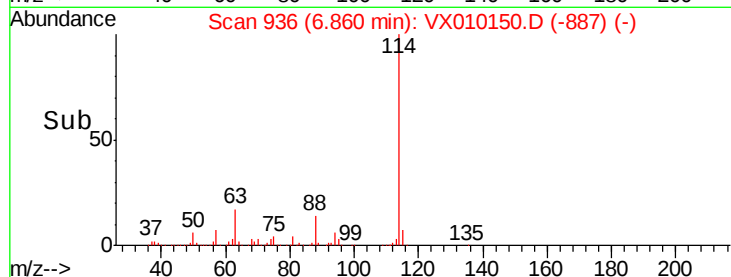
100000

50000

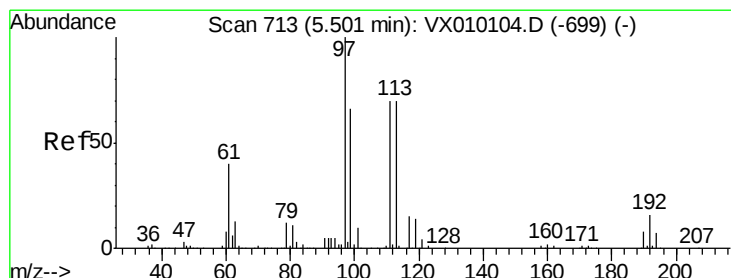
0

6.86

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 49.843 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

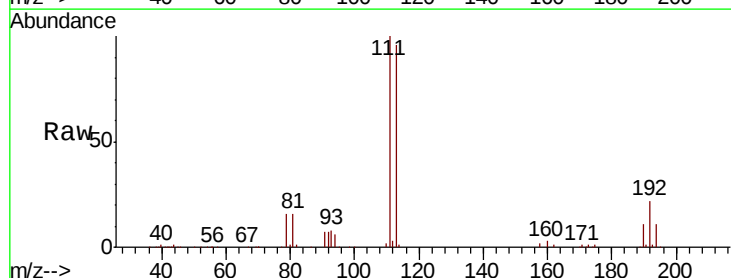
Tgt Ion:113 Resp: 135490

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 23.8 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

60000

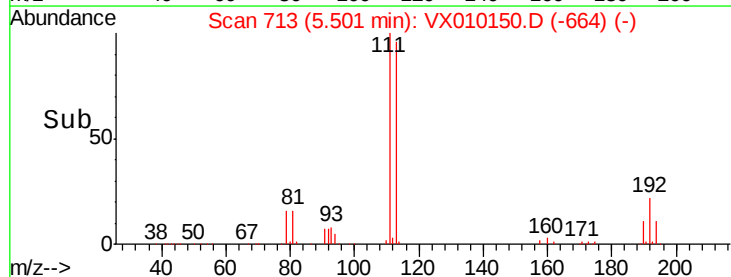
40000

20000

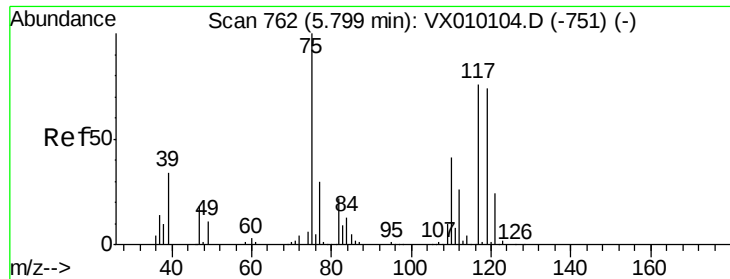
0

5.50

5.40 5.50 5.60



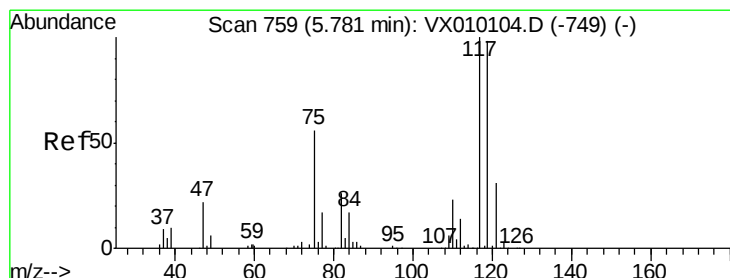
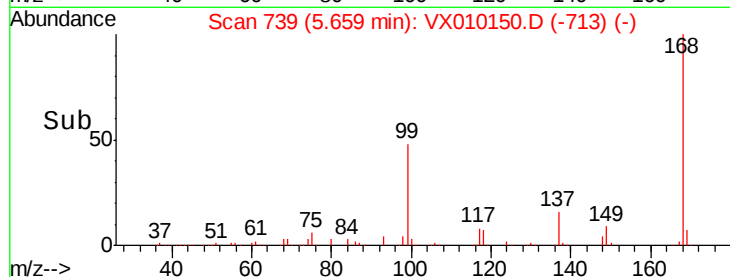
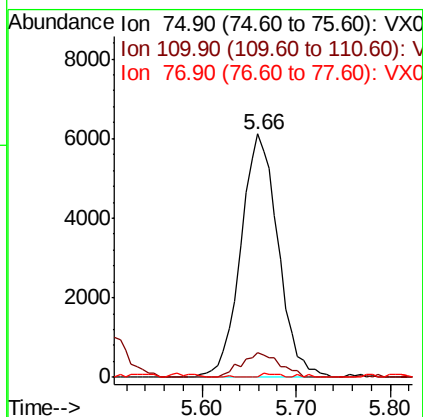
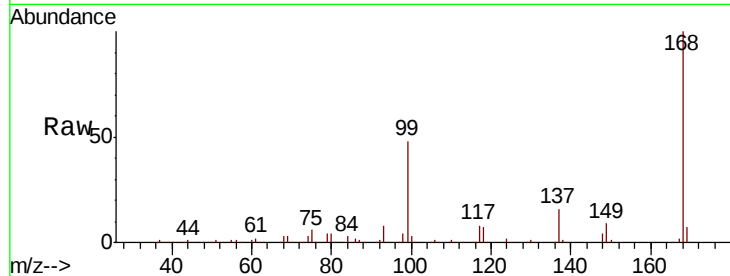
Time-->



#36
 1,1-Dichloropropene
 Concen: 4.706 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010150.D
 Acq: 08 Jun 2019 19:50

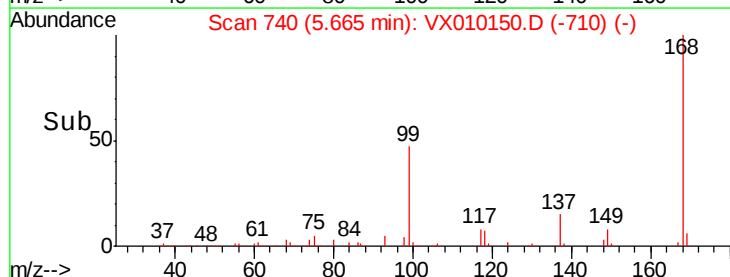
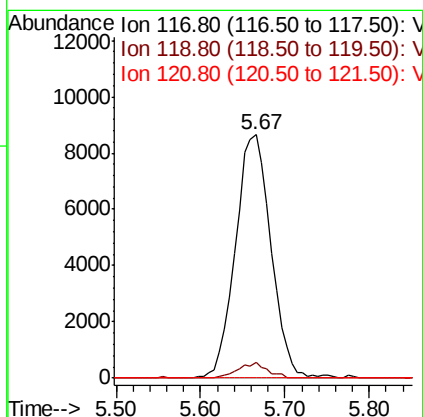
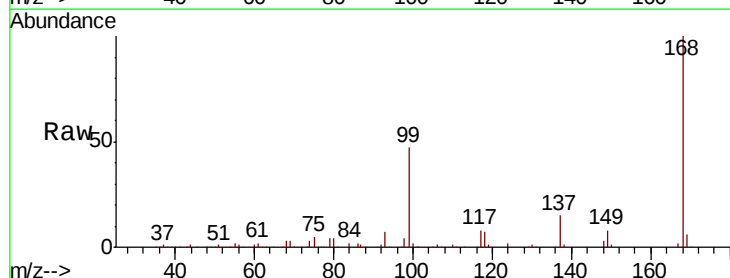
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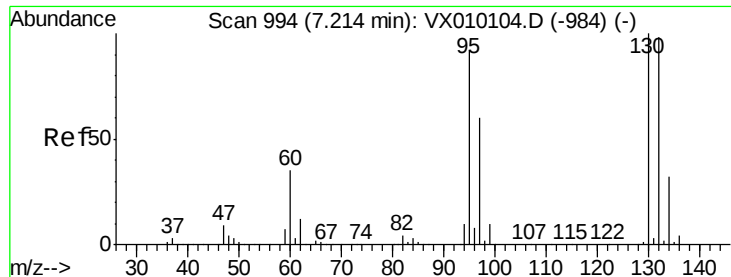
Tgt Ion: 75 Resp: 16919
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.7 50.1#
 77 0.8 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.055 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010150.D
 Acq: 08 Jun 2019 19:50

Tgt Ion: 117 Resp: 24641
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.3 115.9#
 121 0.0 25.4 38.0#





#44

Trichloroethene

Concen: 0.258 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

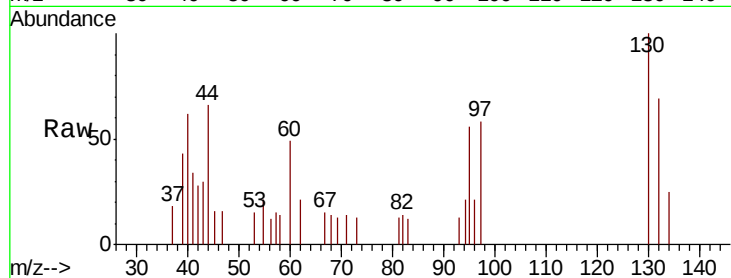
BPS1-TT-MW303S-20190606

Tgt Ion:130 Resp: 865

Ion Ratio Lower Upper

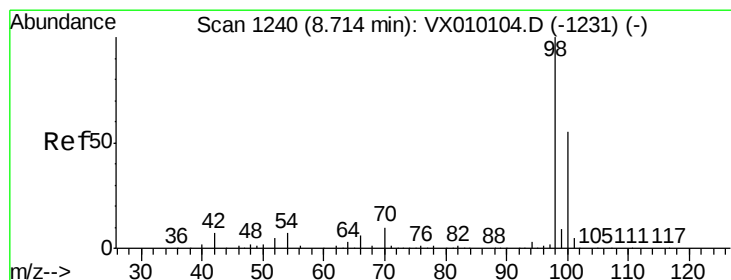
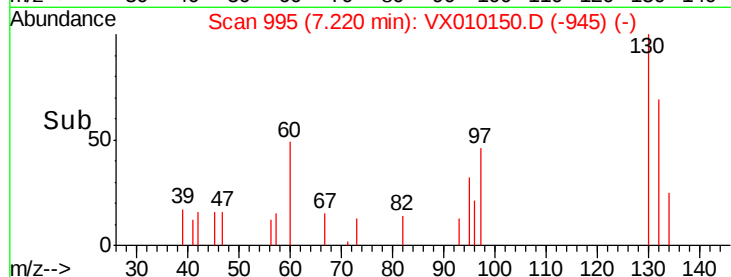
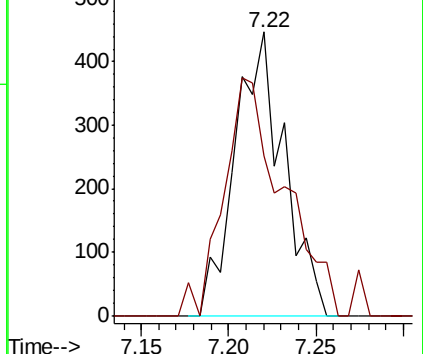
130 100

95 56.4 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.972 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010150.D

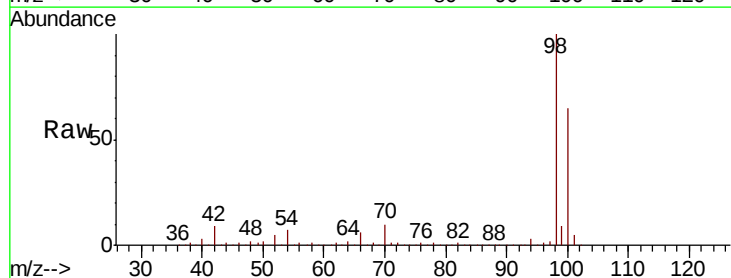
Acq: 08 Jun 2019 19:50

Tgt Ion: 98 Resp: 519297

Ion Ratio Lower Upper

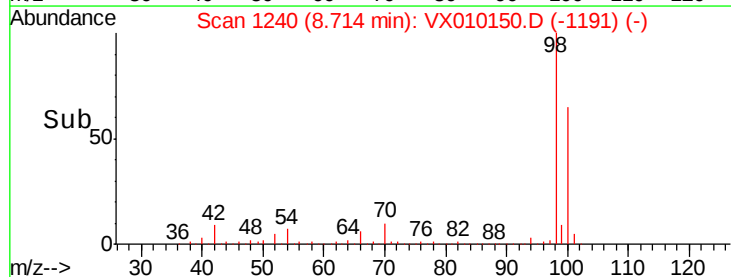
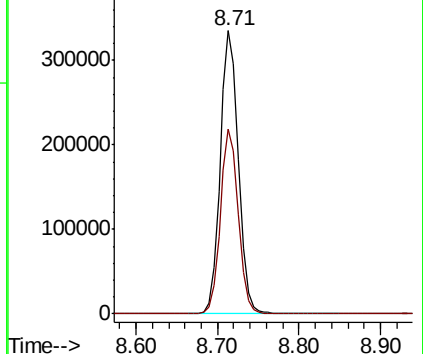
98 100

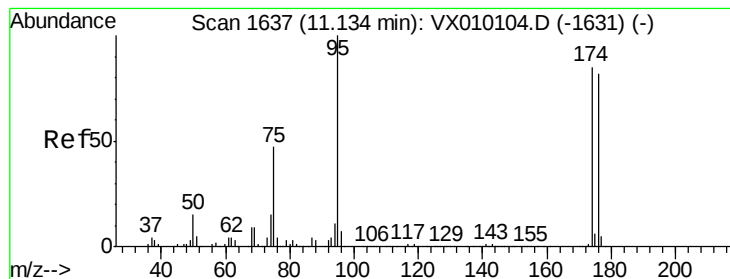
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.393 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606

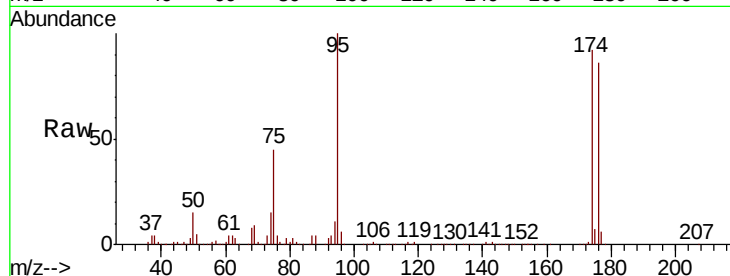
Tgt Ion: 95 Resp: 180318

Ion Ratio Lower Upper

95 100

174 95.1 0.0 160.4

176 91.1 0.0 154.6

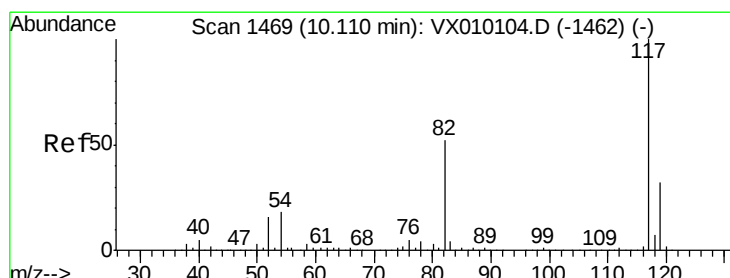
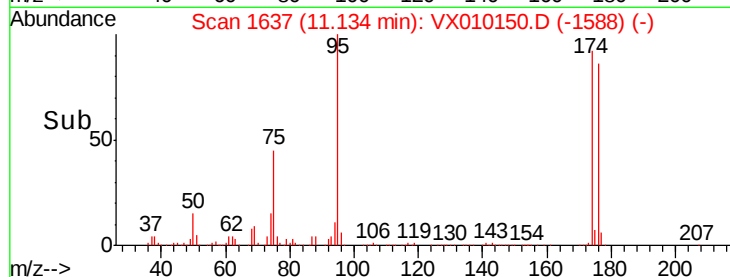
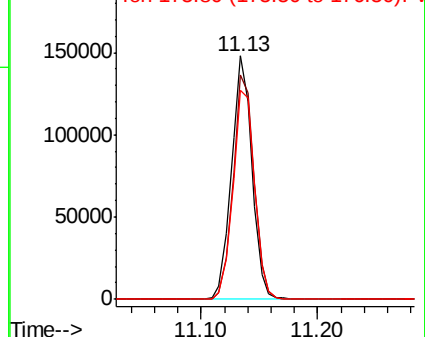


Abundance

Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

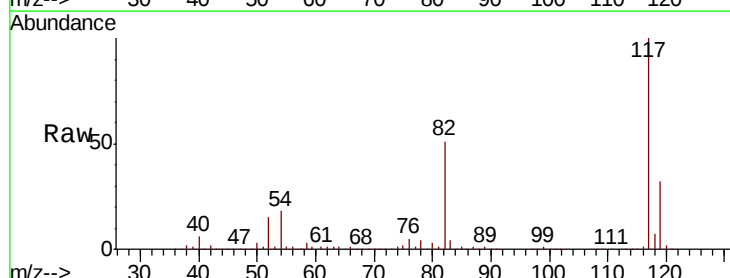
Tgt Ion: 117 Resp: 399688

Ion Ratio Lower Upper

117 100

82 50.5 49.2 73.8

119 32.5 25.2 37.8

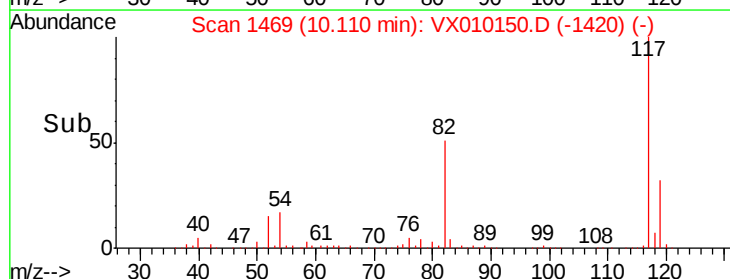
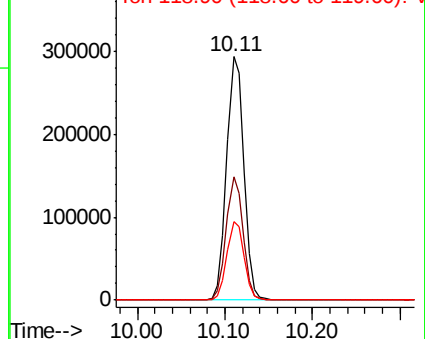


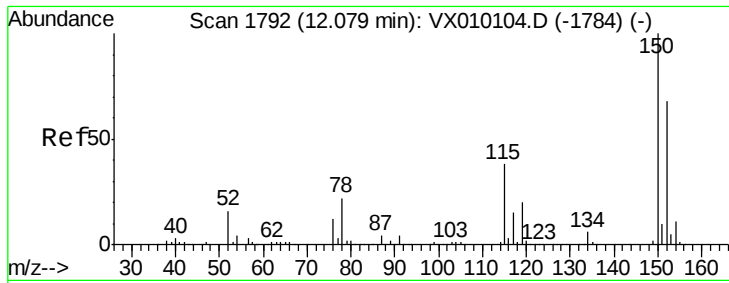
Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606

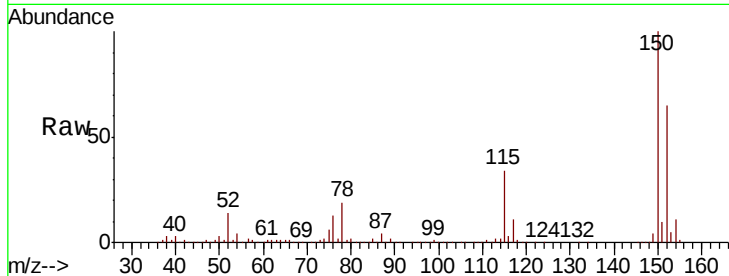
Tgt Ion:152 Resp: 187833

Ion Ratio Lower Upper

152 100

115 54.3 41.4 124.2

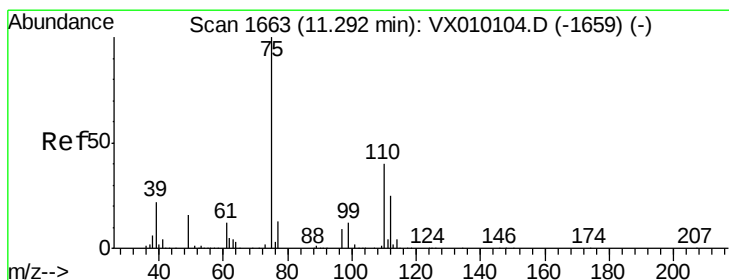
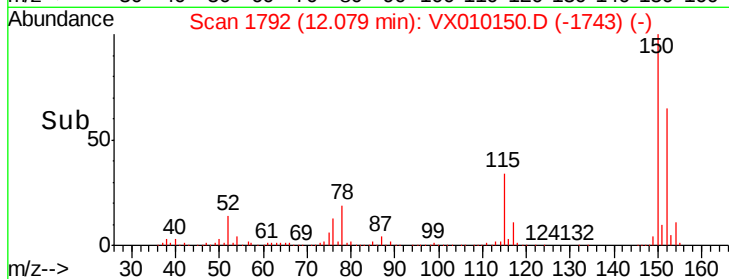
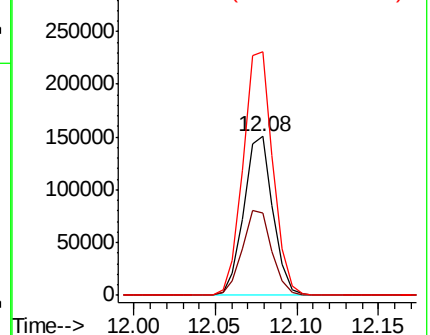
150 157.2 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 21.709 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010150.D

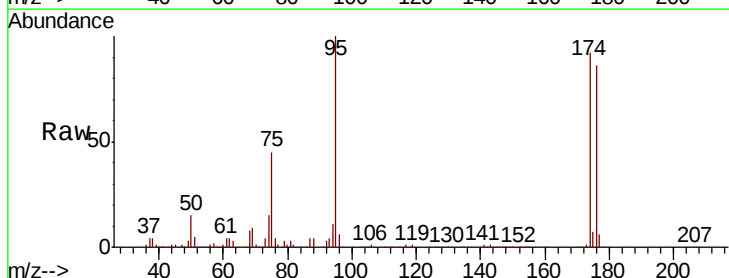
Acq: 08 Jun 2019 19:50

Tgt Ion: 75 Resp: 81563

Ion Ratio Lower Upper

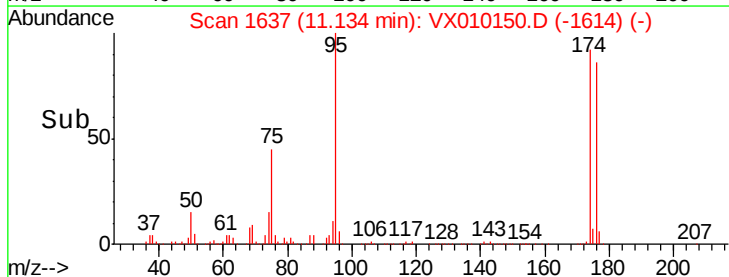
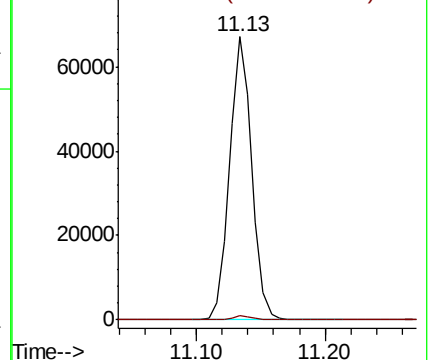
75 100

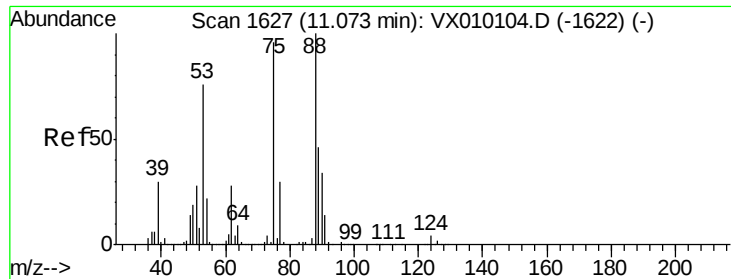
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.966 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010150.D

Acq: 08 Jun 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20190606

Tgt Ion: 75 Resp: 81563

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#

